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Application No: 10633484 Version No: 3.0

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330

335

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Lys Gln Glu 385	Gly Leu	Glu Ser 390	Val Leu	Lys Ile 395	Leu Val	Asn Gln	Leu 400
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Lys Asp Thr Glu Ile Thr Cys Ser Glu Arg Val Arg Thr Tyr Trp Ile 130 135 140

Ser Leu Arg Thr Ala Leu Gln Lys Glu Ile Thr Thr Arg Tyr Gln Leu 165 170 175

Asp Pro Lys Phe Ile Thr Ser Ile Leu Tyr Glu Asn Asn Val Ile Thr 180 185 190

Ile Asp Leu Val Gln Asn Ser Ser Gln Lys Thr Gln Asn Asp Val Asp 195 200 205 Ile Ala Asp Val Ala Tyr Tyr Phe Glu Lys Asp Val Lys Gly Glu Ser 210 215 220 Leu Phe His Ser Lys Lys Met Asp Leu Thr Val Asn Gly Glu Gln Leu 225 230 235 Asp Leu Asp Pro Gly Gln Thr Leu Ile Tyr Tyr Val Asp Glu Lys Ala 245 250 Pro Glu Phe Ser Met Gln Gly Leu Lys Ala Gly Val Ile Ala Val Ile 265 Val Val Val Met Ala Val Val Ala Gly Ile Val Val Leu Val Ile 280 285 275 Ser Arg Lys Lys Arg Met Ala Lys Tyr Glu Lys Ala Glu Ile Lys Glu 290 295 300 Met Gly Glu Met His Arg Glu Leu Asn Ala 305 310 <210> 3 <211> 882 <212> PRT <213> Homo sapiens <220> <221> misc_feature <222> (1)..(882) <223> E-Cadherin, Swissprot Accession P12830 <400> 3 Met Gly Pro Trp Ser Arg Ser Leu Ser Ala Leu Leu Leu Leu Gln 10 Val Ser Ser Trp Leu Cys Gln Glu Pro Glu Pro Cys His Pro Gly Phe 25 20 30 Asp Ala Glu Ser Tyr Thr Phe Thr Val Pro Arg Arg His Leu Glu Arg

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60

55

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His Ph	e Leu Val 100	_	Trp As	p Ser 105	Thr	Tyr	Arg	Lys	Phe 110	Ser	Thr
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Ile Se	r Cys Pro	Glu Asn 165	Glu Ly	s Gly	Pro 170	Phe	Pro	Lys	Asn	Leu 175	Val
Gln Il	e Lys Ser 180	_	Asp Ly	s Glu 185	Gly	Lys	Val	Phe	Tyr 190	Ser	Ile
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Arg Gl	ı Thr Gly	Trp Leu	Lys Va 215	l Thr	Glu	Pro	Leu 220	Asp	Arg	Glu	Arg
Ile Ala 225	a Thr Tyr	Thr Leu 230	Phe Se	r His	Ala	Val 235	Ser	Ser	Asn	Gly	Asn 240
Ala Va	l Glu Asp	Pro Met 245	Glu Il	e Leu	Ile 250	Thr	Val	Thr	Asp	Gln 255	Asn
Asp As	n Lys Pro 260		Thr Gl	n Glu 265	Val	Phe	Lys	Gly	Ser 270	Val	Met
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Ala Asp Asp Asp Val Asn Thr Tyr Asn Ala Ala Ile Ala Tyr Thr Ile

295 300

290

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525

520

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Pro 625	Phe	Thr	Ala	Glu	Leu 630	Thr	His	Gly	Ala	Ser 635	Ala	Asn	Trp	Thr	Ile 640	
Gln	Tyr	Asn	Asp	Pro 645	Thr	Gln	Glu	Ser	Ile 650	Ile	Leu	Lys	Pro	Lys 655	Met	
Ala	Leu	Glu	Val 660	Gly	Asp	Tyr	Lys	Ile 665	Asn	Leu	Lys	Leu	Met 670	Asp	Asn	
Gln	Asn	Lys 675	Asp	Gln	Val	Thr	Thr 680	Leu	Glu	Val	Ser	Val 685	Суз	Asp	Суз	
Glu	Gly 690	Ala	Ala	Gly	Val	Cys 695	Arg	Lys	Ala	Gln	Pro 700	Val	Glu	Ala	Gly	
Leu 705	Gln	Ile	Pro	Ala	Ile 710	Leu	Gly	Ile	Leu	Gly 715	Gly	Ile	Leu	Ala	Leu 720	
Leu	Ile	Leu	Ile	Leu 725	Leu	Leu	Leu	Leu	Phe 730	Leu	Arg	Arg	Arg	Ala 735	Val	
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Tyr Tyr Asp Glu Glu Gly Gly Glu Glu Asp Gln Asp Phe Asp 755 Leu Ser Gln Leu His Arg Gly Leu Asp Ala Arg Pro Glu Val Thr Arg 770 775 780 Asn Asp Val Ala Pro Thr Leu Met Ser Val Pro Arg Tyr Leu Pro Arg 785 790 795 800 Pro Ala Asn Pro Asp Glu Ile Gly Asn Phe Ile Asp Glu Asn Leu Lys 805 810 Ala Ala Asp Thr Asp Pro Thr Ala Pro Pro Tyr Asp Ser Leu Leu Val 825 Phe Asp Tyr Glu Gly Ser Gly Ser Glu Ala Ala Ser Leu Ser Ser Leu 835 840 845 Asn Ser Ser Glu Ser Asp Lys Asp Gln Asp Tyr Asp Tyr Leu Asn Glu 850 855 860 Trp Gly Asn Arg Phe Lys Lys Leu Ala Asp Met Tyr Gly Gly Glu Glu 865 870 875 880 Asp Asp <210> 4 <211> 906 <212> PRT <213> Homo sapiens <220> <221> misc_feature <222> (1)..(906) <223> Alpha-1 Catenin, Swissprot Accession P35221 <400> 4 Met Thr Ala Val His Ala Gly Asn Ile Asn Phe Lys Trp Asp Pro Lys 5 10

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